



**AGENDA AND NOTICE OF BUDGET WORKSHOPS**  
**JOINT MEETING OF THE**  
**LAS VEGAS VALLEY WATER DISTRICT BOARD OF DIRECTORS**  
**COYOTE SPRINGS WATER RESOURCES DISTRICT BOARD OF TRUSTEES**  
**AND BIG BEND WATER DISTRICT BOARD OF TRUSTEES**

**SPECIAL MEETING**  
**10:00 A.M. – APRIL 26, 2021**

**COLORADO RIVER CONFERENCE ROOMS**  
**SOUTHERN NEVADA WATER AUTHORITY**  
**100 CITY PARKWAY, LAS VEGAS, NEVADA**  
**(702) 258-3100**

**Board of Directors**  
Marilyn Kirkpatrick, President  
Jim Gibson, Vice President  
Justin Jones  
William McCurdy II  
Ross Miller  
Michael Naft  
Tick Segerblom

*John J. Entsminger,*  
*General Manager*

Date Posted: April 19, 2021

The District makes reasonable efforts to assist and accommodate persons with physical disabilities who desire to attend the meeting. For assistance, call the Agenda Coordinator (702) 258-3277 at least 24 hours prior to the meeting.

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**THIS MEETING HAS BEEN PROPERLY NOTICED AND POSTED IN THE FOLLOWING LOCATIONS:**

**LAS VEGAS VALLEY WATER DISTRICT**  
**1001 SOUTH VALLEY VIEW BOULEVARD**  
**LAS VEGAS, NEVADA**

**SOUTHERN NEVADA WATER AUTHORITY**  
**100 CITY PARKWAY, SUITE 700**  
**LAS VEGAS, NEVADA**

**CLARK COUNTY GOVERNMENT CENTER**  
**500 SOUTH GRAND CENTRAL PARKWAY**  
**LAS VEGAS, NEVADA**

**REGIONAL JUSTICE CENTER**  
**200 LEWIS AVENUE**  
**LAS VEGAS, NEVADA**

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All items listed on this agenda are for action by the Board, unless otherwise indicated. Items may be taken out of order. The Board may combine two or more agenda items for consideration, and/or may remove an item from the agenda or delay discussions relating to an item on the agenda at any time.

**CALL TO ORDER**

**COMMENTS BY THE GENERAL PUBLIC**

**NO ACTION MAY BE TAKEN:** At this time, the Board will hear general comments from the public on items listed on the agenda. If you wish to speak to the Board about items within its jurisdiction, but not appearing on this agenda, you must wait until the "Comments by the General Public" period listed at the end of this agenda. Please limit your comments to three minutes or less. Public comment can also be provided in advance of the meeting and submitted to [publiccomment@lvvwd.com](mailto:publiccomment@lvvwd.com).

**ITEM NO.**

1. *For Possible Action:* Approve agenda with the inclusion of tabled and/or reconsidered items, emergency items and/or deletion of items.

**Las Vegas Valley Water District**

2. *For Information Only:* Receive an overview and discuss the Fiscal Year 2021/2022 Tentative Budget.

**Coyote Springs Water Resources District (*Las Vegas Valley Water District Board of Directors sitting as the Coyote Springs Water Resources District Board of Trustees*)**

3. *For Information Only:* Receive an overview and discuss the Fiscal Year 2021/2022 Tentative Budget.

**Big Bend Water District (*Las Vegas Valley Water District Board of Directors sitting as the Big Bend Water District Board of Trustees*)**

4. *For Information Only:* Receive an overview and discuss the Fiscal Year 2021/2022 Tentative Budget.

**COMMENTS BY THE GENERAL PUBLIC**

**NO ACTION MAY BE TAKEN:** At this time, the Board will hear general comments from the public on matters under the jurisdiction of these Districts. Please limit your comments to three minutes or less.



**LAS VEGAS VALLEY  
WATER DISTRICT™**

**Fiscal Year 2021-22  
BUDGET WORKSHOP**



## 2020-21 HIGHLIGHTS

Since July, 3,675 new customer accounts added

Nearly completed first phase of major pipeline replacements within Las Vegas Boulevard

Launched mobile app that gives customers a new way to interact with the LVVWD

Returned water waste enforcement efforts to pre-pandemic levels

Updated LVVWD Service Rules with conservation-related initiatives

Continued to maintain service during ongoing pandemic

2021 refunding activities will save \$6.6 million for a total cumulative savings of \$101.5 million since 2015



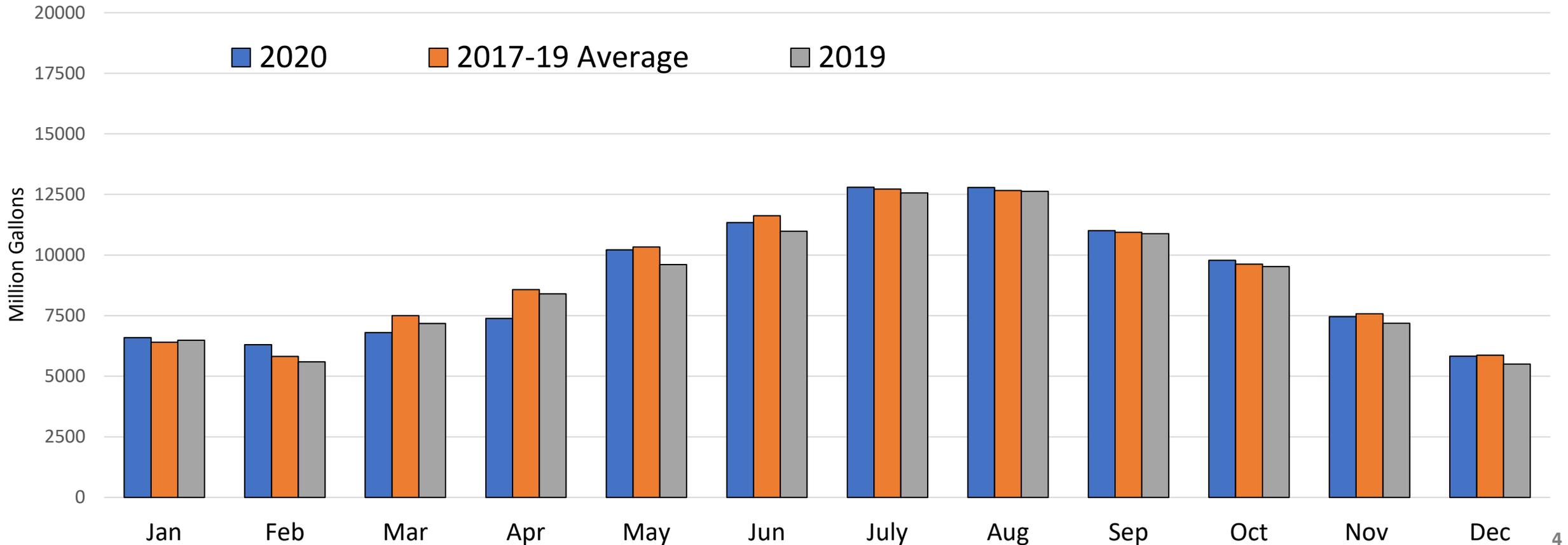


## LVVWD PANDEMIC RESPONSE

- Approximately one-half of staff remain in a telecommute status
- Safety remains top priority; employees are masked and socially distant when possible
- Customer service lobby remains closed; all customer and developer processes facilitated electronically
- Most capital projects remain on schedule
- Springs Preserve reopened to the public on March 18 with limited hours

# WATER USE

With the exception of the lockdown months of March and April, monthly water use in 2020 typically exceeded prior years.



# **CAPITAL PROJECT UPDATE**

# SCADA UPGRADE

The District's existing SCADA system is outdated - efficiency, maintenance and repairs are becoming increasingly difficult

The new system will support one SCADA platform across LVVWD, the SNWA, and the Big Bend Water District

Project estimated to be completed by 2024

FY 21/22 Budget: \$100,000

Total Project: \$462,930



# FIBER OPTICS COMMUNICATIONS NETWORK BUILD OUT

A fiber-optic network is an essential step to maintaining water operations and securing the water system.

- Allows Operations and Security teams to control and monitor remote sites using real time data
- Allows LVVWD's Maintenance Engineering teams to manage assets and troubleshoot site conditions without the need to drive to the site
- Project scheduled to be completed by June 2022

FY 21/22 Budget: \$250,000

Total Project: \$8,440,358





## LVVWD CAMPUS – COOLING SYSTEM

- The West Administration Building's water-cooled chiller system was purchased in 1994, and the system has reached the end of its life cycle
- New equipment will utilize water conservation technologies, forced air cooled chillers and thermal storage
- Intended to be used as a cooling pilot technology for other large properties, such as resorts or office buildings
- Project expected to be completed this year

FY 21/22 Budget: \$300,000

Total Project: \$300,000



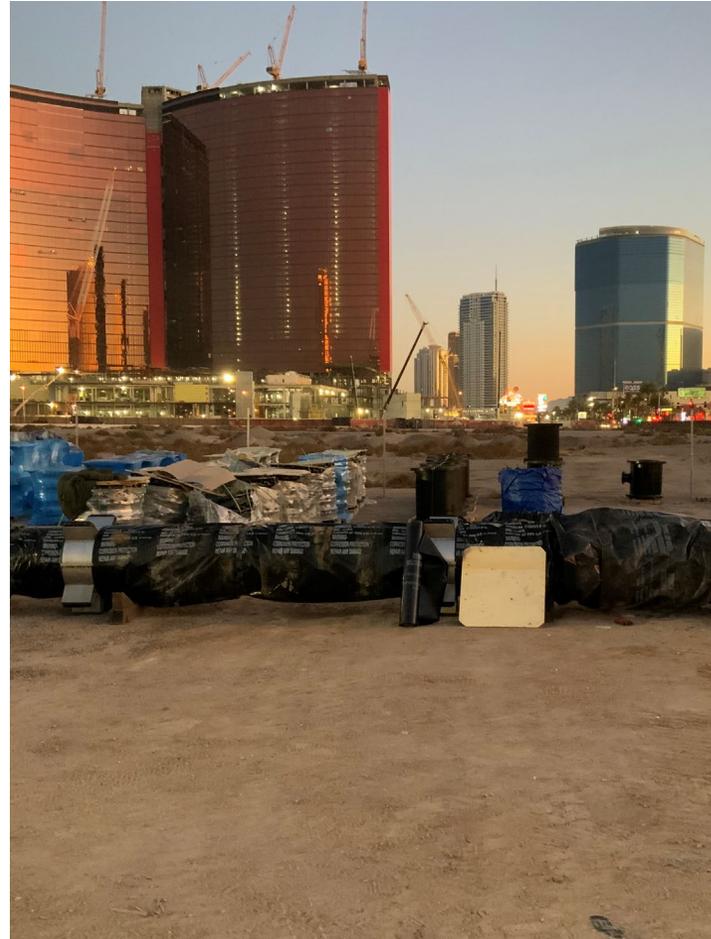
# CENTENNIAL 2635 ZONE RESERVOIR AND 2745 ZONE PUMPING STATION

- 5 million-gallons reinforced concrete reservoir and a 38 million gallons per day pumping station
- Located in the northwest part of valley (Fort Apache and Centennial)
- Design is completed; bids are anticipated early summer
- Construction scheduled to be completed by end of 2022

FY 21/22 Budget: \$21,518,119

Total Project: \$33,917,417

# LAS VEGAS BOULEVARD IMPROVEMENTS



Replacement of approx. 30,000 feet of water lines between Sahara Avenue and the CC-215 Beltway

Project is being designed and constructed in 5 phases

- 1: Sahara and Spring Mountain is nearly complete
- 2: Russell Road and 215 has completed design
- 3: Tropicana to Flamingo will bid in early 2022
- 4: Russell to Tropicana is scheduled to bid this summer
- 5: Flamingo to Spring Mountain will bid in 2023

FY 21/22 Budget (all phases): \$18,373,769

Total Project (all phases): \$83,455,218

# 2021-22 BUDGET OVERVIEW

# 2021-22 BUDGET OVERVIEW

Budget uses of funds reflect ongoing capital needs

Revenue from water sales recognizes increase in water use community wide

Budget reflects the District's effort to conserve water throughout the service area:

- Pipeline replacements to reduce non-revenue water losses
- Water waste enforcement
- Investments in customer service infrastructure

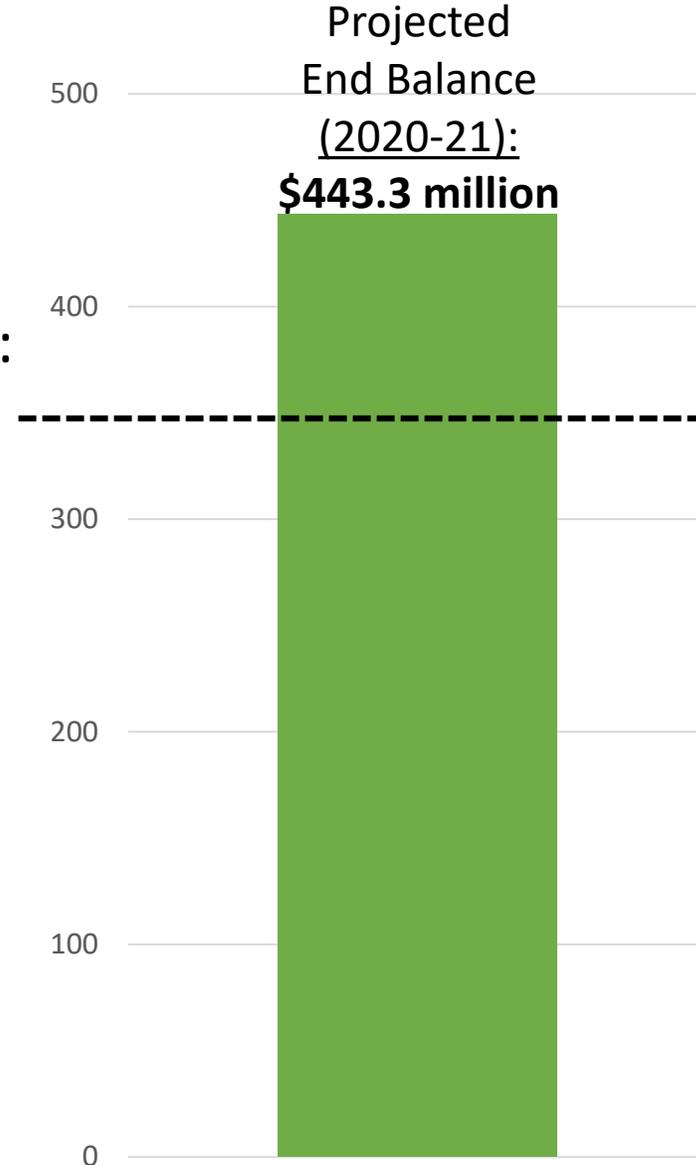


# RESERVE BALANCE

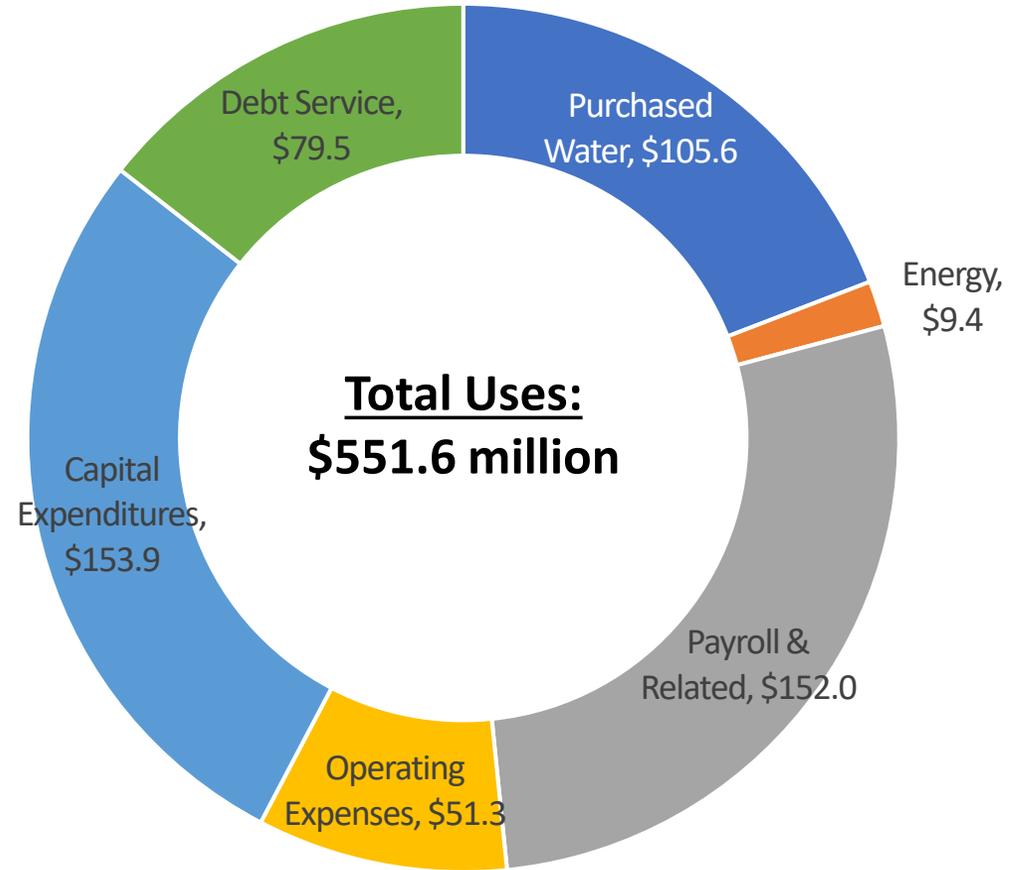
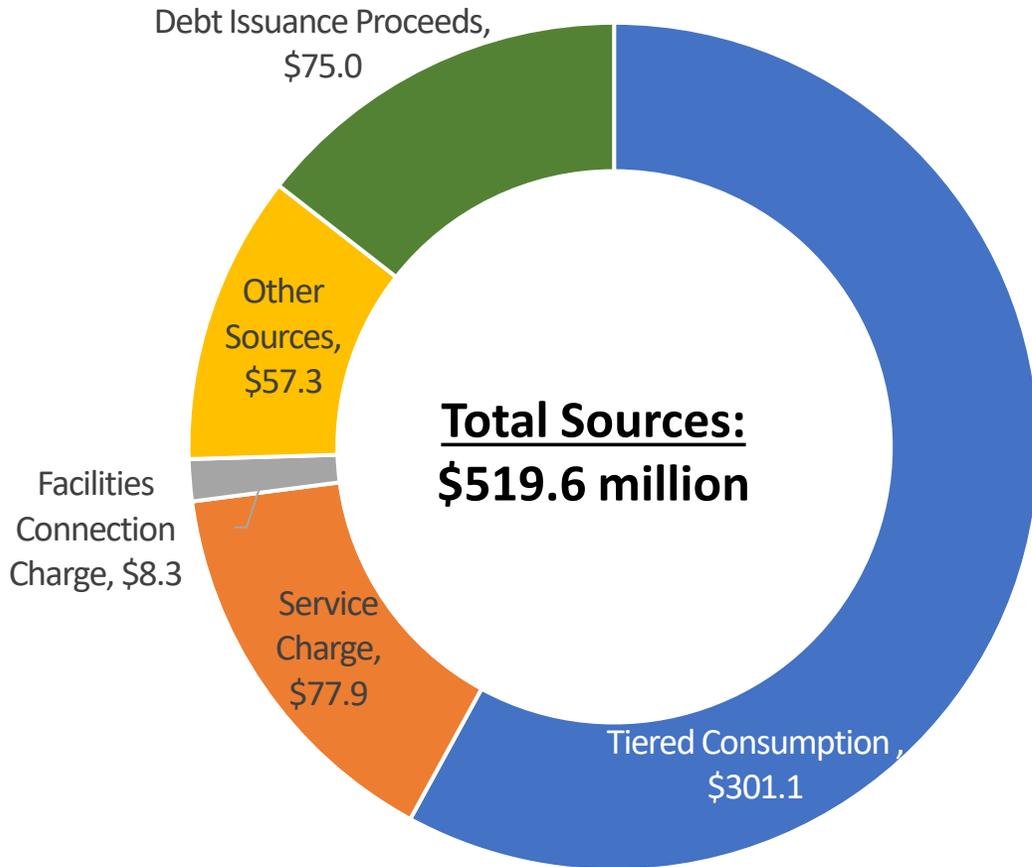
## Reserve Policy Elements:

- Maintain 180 days of operating and maintenance expenses
- Fund one year of maximum annual debt service
- Fund one year of average annual capital expenditures
- Fund 1 percent of depreciable assets

Fund Balance Target:  
\$343.9 million



# 2021-22 SOURCES & USES SUMMARY



Amounts in million dollars. Totals are rounded.

## 2021-22 SOURCES OF FUNDS

	<u>Actual</u> <u>2019-20</u>	<u>Budget</u> <u>2020-21</u>	<u>Budget</u> <u>2021-22</u>	<u>Budget-to- Budget</u> <u>Variance \$</u>
Sources				
Tiered Consumption	\$ 267.9	\$ 276.7	\$ 301.1	\$ 24.4
Service Charge	74.0	76.9	77.9	1.0
Backflow Charge	12.2	12.2	12.5	0.3
Reclaimed Water	7.7	6.9	7.3	0.4
Other Water Bill Charges	6.8	9.7	5.3	(4.4)
Facilities Connection Charge	17.6	4.3	8.3	4.0
Application & Inspection Fees	3.1	0.7	1.0	0.3
Investment Income	20.9	6.0	5.4	(0.6)
Springs Preserve	2.0	3.1	1.9	(1.2)
Other Sources	<u>9.4</u>	<u>-</u>	<u>23.9</u>	<u>23.9</u>
Subtotal	421.6	396.5	444.6	48.0
Debt Issuance Proceeds	<u>7.9</u>	<u>100.0</u>	<u>75.0</u>	<u>(25.0)</u>
<b>LVVWD Sources</b>	<b>\$ 429.5</b>	<b>\$ 496.5</b>	<b>\$ 519.6</b>	<b>\$ 23.0</b>

Amounts in million dollars. Totals are rounded.

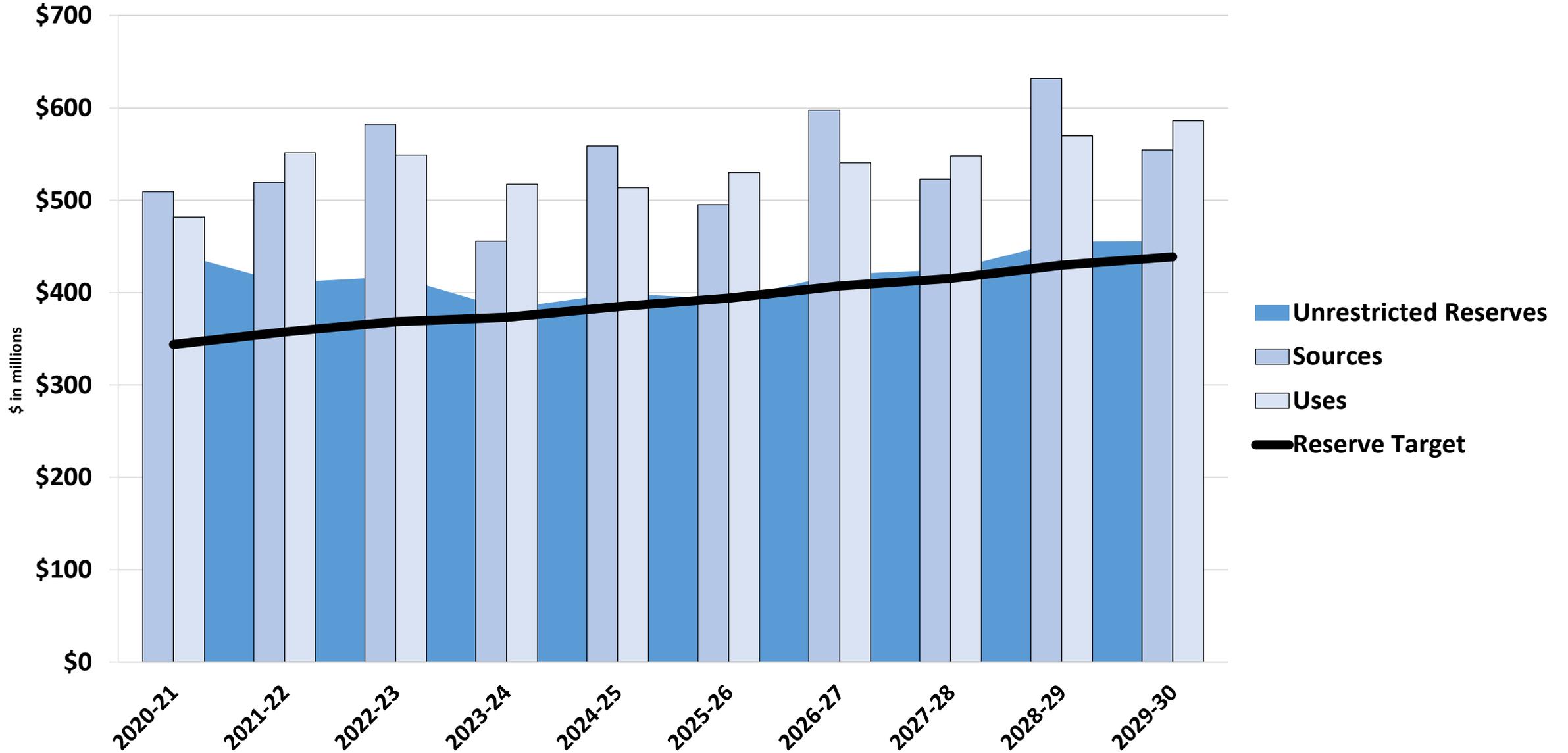
## 2021-22 USES OF FUNDS

Uses	<u>Actual 2019-20</u>	<u>Budget 2020-21</u>	<u>Budget 2021-22</u>	<u>Budget-to- Budget Variance \$</u>
Purchased Water	\$ 101.8	\$ 97.1	\$ 105.6	\$ 8.6
Energy	8.4	10.0	9.4	(0.7)
Payroll & Related	136.8	155.8	152.0	(3.8)
Operating Expenses	39.7	67.3	51.3	(16.0)
Capital Expenditures	97.5	147.6	153.9	6.3
Debt Service	<u>67.6</u>	<u>76.3</u>	<u>79.5</u>	<u>3.1</u>
<b>LVVWD Uses</b>	<b>\$ 451.8</b>	<b>\$ 554.1</b>	<b>\$ 551.6</b>	<b>\$ (2.5)</b>

	<b>Actual 2019-20</b>	<b>Budget 2020-21</b>	<b>Budget 2021-22</b>	<b>Budget-to-Budget Variance</b>
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Capital Expenditures	97.5	147.6	153.9	6.3
Debt Service	67.6	76.3	79.5	3.1
<b>LVVWD Uses</b>	<b>451.8</b>	<b>554.1</b>	<b>551.6</b>	<b>(2.5)</b>
<b>LVVWD Net Surplus/(Deficit)</b> <sup>1</sup>	<b>\$ (22.3)</b>	<b>\$ (57.6)</b>	<b>\$ (32.1)</b>	<b>\$ 25.5</b>

<sup>1</sup> Any amount of Net Surplus is used to fund reserves while Net Deficit amounts are funded through the use of reserve balances.

# LVVWD RESERVES OUTLOOK



## 2021-22 BUDGET SUMMARY

- Uses of funds are down \$2.5 million from 2020-21 due to savings from the District's Voluntary Separation Plan and cuts to operating expenses
- Sources of funds represent sustained development within the District's service area
- The budget reflects the District's ongoing capital initiatives
- Conservation remains a top priority
- Funding reserves remain healthy
- The organization is positioned to withstand ongoing impacts from COVID-19



**LAS VEGAS VALLEY  
WATER DISTRICT™**

**COYOTE SPRINGS  
WATER RESOURCES DISTRICT  
2021-22 Budget Workshop**



# COYOTE SPRINGS WATER RESOURCES DISTRICT

## 2021-22 BUDGET SUMMARY

	Actual 2019-20	Budget 2020-21	Budget 2021-22	Variance \$
<b>Sources</b>				
Operating Revenues	\$ -	\$ -	\$ -	\$ -
Developer Contributions <sup>1</sup>	3,231	100,000	50,000	(50,000)
<b>Total Sources</b>	3,231	100,000	50,000	(50,000)
<b>Uses</b>				
Operating Expenses	-	-	-	-
Invoiced Developer Costs <sup>2</sup>	3,231	100,000	50,000	(50,000)
<b>Total Uses</b>	3,231	100,000	50,000	(50,000)
<b>Total Net Surplus/(Deficit)</b>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

<sup>1</sup> Per contractual agreement, the developer(s) will reimburse any cost not covered by operating revenues

<sup>2</sup> Based on recent costs billed to developer(s).



**BIG BEND**  
*Water District*

**2021-22 Budget Workshop**



# BIG BEND WATER DISTRICT

## 2021-22 BUDGET SUMMARY

	Actual 2019-20	Budget 2020-21	Budget 2021-22	Variance \$
<b>Sources</b>				
Water Charges	\$ 3,638,936	\$ 3,938,038	\$ 4,218,165	\$ 280,128
Interest Income	1,047	1,256	-	(1,256)
System Development Charges	-	6,990	3,495	(3,495)
Sales Tax	311,022	210,077	358,314	148,237
Other Sources	579,834	-	500,000	500,000
<b>Subtotal</b>	<b>4,530,840</b>	<b>4,156,361</b>	<b>5,079,975</b>	<b>923,613</b>
Debt Issuance Proceeds	-	3,700,000	1,000,000	(2,700,000)
<b>Total Sources</b>	<b>4,530,840</b>	<b>7,856,361</b>	<b>6,079,975</b>	<b>(1,776,387)</b>
<b>Uses</b>				
Energy	365,290	400,000	435,000	35,000
Payroll & Related	1,723,384	2,057,574	2,178,124	120,550
Operating Expenses	2,002,969	2,573,972	2,575,513	1,541
Capital Expenditures	2,310,108	2,180,000	1,497,700	(682,300)
Debt Service	517,423	792,426	517,423	(275,003)
<b>BBWD Uses</b>	<b>6,919,173</b>	<b>8,003,971</b>	<b>7,203,760</b>	<b>(800,211)</b>
<b>BBWD Net Surplus/(Deficit)</b>	<b>\$ (2,388,334)</b>	<b>\$ (147,610)</b>	<b>\$ (1,123,786)</b>	<b>\$ (976,176)</b>



**LAS VEGAS VALLEY  
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